

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033200.D
 Acq On : 08 Dec 2023 18:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

Quant Time: Dec 08 22:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	283307	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	286129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	178734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71560	42.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.500%
7) Chloroethane-d5	1.529	69	54620	46.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.580%
11) 1,1-Dichloroethene-d2	2.060	65	29619	45.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.940%
21) 2-Butanone-d5	3.783	46	83956	99.807	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.810%
24) Chloroform-d	4.249	84	174278	48.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
26) 1,2-Dichloroethane-d4	4.941	65	110145	49.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
32) Benzene-d6	4.960	84	321628	48.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	5.989	67	83261	46.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.540%
41) Toluene-d8	7.243	98	313262	49.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
43) trans-1,3-Dichloroprop...	7.555	79	51513	45.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.560%
47) 2-Hexanone-d5	8.024	63	74444	102.988	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.990%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	133078	52.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.060%
66) 1,2-Dichlorobenzene-d4	11.561	152	150920	47.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	146824	47.413	ug/L	99
3) Chloromethane	1.214	50	95340	46.680	ug/L	98
5) Vinyl chloride	1.285	62	92833	47.393	ug/L	99
6) Bromomethane	1.484	94	63231	49.470	ug/L	99
8) Chloroethane	1.548	64	50385	48.314	ug/L	98
9) Trichlorofluoromethane	1.712	101	171326	53.006	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80571	53.083	ug/L	98
12) 1,1-Dichloroethene	2.069	96	76934	54.166	ug/L	98
13) Acetone	2.108	43	64772	80.658	ug/L	97
14) Carbon disulfide	2.243	76	229723	45.080	ug/L	100
15) Methyl Acetate	2.372	43	67595	50.503	ug/L	98
16) Methylene chloride	2.446	84	93145	49.525	ug/L	93
17) trans-1,2-Dichloroethene	2.696	96	89408	47.943	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	286146	50.510	ug/L	98
19) 1,1-Dichloroethane	3.111	63	151673	49.140	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	100265	50.670	ug/L	95
22) 2-Butanone	3.863	43	92895	90.899	ug/L	95
23) Bromochloromethane	4.150	128	56150	49.419	ug/L	94
25) Chloroform	4.278	83	184745	52.044	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033200.D
 Acq On : 08 Dec 2023 18:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

Quant Time: Dec 08 22:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	146185	52.114	ug/L	99
29) Cyclohexane	4.587	56	121038	45.799	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	181069	51.205	ug/L	99
31) Carbon tetrachloride	4.738	117	170314	51.799	ug/L	99
33) Benzene	5.011	78	366891	50.601	ug/L	100
34) Trichloroethene	5.834	95	105182	48.556	ug/L	97
35) Methylcyclohexane	6.050	83	151742	48.266	ug/L	99
37) 1,2-Dichloropropane	6.092	63	82935	49.423	ug/L	99
38) Bromodichloromethane	6.433	83	138750	51.289	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	152147	49.967	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	190072	106.681	ug/L	98
42) Toluene	7.317	91	429306	52.543	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	154791	50.273	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	102050	52.450	ug/L	98
46) Tetrachloroethene	7.905	164	97762	52.500	ug/L	95
48) 2-Hexanone	8.072	43	152080	102.952	ug/L	99
49) Dibromochloromethane	8.178	129	122325	52.666	ug/L	98
50) 1,2-Dibromoethane	8.281	107	107743	51.941	ug/L	98
51) Chlorobenzene	8.815	112	288888	50.279	ug/L	100
52) Ethylbenzene	8.947	91	482338	51.287	ug/L	99
53) m,p-Xylene	9.072	106	193347	51.914	ug/L	96
54) o-Xylene	9.481	106	188416	51.268	ug/L	99
55) Styrene	9.497	104	339559	53.409	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	143757	54.079	ug/L	100
59) Bromoform	9.667	173	102990	53.092	ug/L	99
60) Isopropylbenzene	9.866	105	521343	50.588	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	114746	51.486	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	420033	50.587	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	441967	51.111	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	271756	49.358	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	279155	48.810	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	274342	50.827	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	35823	52.384	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	205906	46.689	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	189595	46.532	ug/L	99
71) Naphthalene	13.439	128	486644	48.975	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	195089	49.621	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

